Rihla Hub - Deployment Documentation

Backup Date: 2026-01-19 00:59 (Saudi Arabia Time)

🌐 LIVE URLS

Frontend (Cloudflare Pages)
- **Production URL:** https://rihla-hub.pages.dev
- **Custom Domain:** https://rihlahub.rihlatech.info
- **Public Invoice:** https://rihlahub.rihlatech.info/verify/{ORDER-NUMBER}

Backend (Google Cloud Run)
- **Production URL:** https://rihla-backend-47485511620.us-west1.run.app
- **Region:** us-west1
- **Project ID:** thabzn8nn

🔐 LOGIN CREDENTIALS

Role	Email	Password
Admin	admin@rihla.com	admin123
User	user@rihla.com	user123

☁️ GOOGLE CLOUD RUN CONFIGURATION

Project Details
- **Project ID:** thabzn8nn
- **Service Name:** rihla-backend
- **Region:** us-west1
- **Authentication:** Allow unauthenticated

Deployment Command

```
gcloud run deploy rihla-backend \
  --source . \
  --region us-west1 \
  --allow-unauthenticated
```

Environment Variables (Optional)

```
PORT=5000
NODE_ENV=production
```

How to Redeploy Backend

1. Open Google Cloud Console: https://console.cloud.google.com

2. Open Cloud Shell
3. Upload `Rihla_Backend_V5.zip`
4. Run:

```
unzip Rihla_Backend_V5.zip -d rihla-backend
cd rihla-backend
gcloud run deploy rihla-backend --source . --region us-west1 --allow-unauthenticated
```

📄 CLOUDFLARE PAGES CONFIGURATION

Project Details
- **Project Name:** rihla-hub
- **Production Branch:** main (Direct Upload)
- **Build Output:** / (Root - Flat Structure)

Custom Domain
- **Domain:** rihlahub.rihlatech.info
- **DNS:** CNAME → rihla-hub.pages.dev

How to Redeploy Frontend
1. Go to Cloudflare Dashboard: https://dash.cloudflare.com
2. Navigate to: Workers & Pages → rihla-hub
3. Click "Create deployment"
4. Select "Production"
5. Upload `Rihla_Frontend_V5_PUBLIC_QR.zip`
6. Click "Save and deploy"

Important Settings
- **Framework preset:** None (Static HTML)
- **Build command:** (None - Pre-built)
- **Build output directory:** / (Root)

📁 PROJECT STRUCTURE

```
Rihla_Hub/
├── DEPLOYMENT_STAGING/
│   ├── frontend/          # React Frontend (Vite)
│   │   ├── src/
│   │   │   ├── components/
│   │   │   ├── context/
│   │   │   ├── pages/
│   │   │   └── App.jsx
│   │   ├── .env.production  # Backend URL config
│   │   ├── vite.config.js
│   │   └── package.json
│   │
│   └── backend/           # Node.js/Express Backend
```

```
|       ├── server.js      # Main API server
|       ├── package.json
|       └── Dockerfile
|
├── Rihla_Frontend_V5_PUBLIC_QR.zip  # Latest frontend build
└── Rihla_Backend_V5.zip          # Latest backend build
```

🔧 ENVIRONMENT VARIABLES

Frontend (.env.production)

```
VITE_API_URL=https://rihla-backend-47485511620.us-west1.run.app
REACT_APP_BACKEND_URL=https://rihla-backend-47485511620.us-west1.run.app
```

Backend

```
PORT=5000 (Cloud Run provides this automatically)
```

🚀 FEATURES IMPLEMENTED

Authentication

- ☑ Email/Password Login
- ☑ 2-Factor Authentication (TOTP)
- ☑ Admin Reset 2FA for users
- ☑ Role-based access (Admin/User)

Dashboard

- ☑ Multi-brand KPI Cards
- ☑ Revenue Trend Charts
- ☑ Order Status Pie Chart
- ☑ Recent Orders Table
- ☑ Orders by User (Admin)

Orders

- ☑ Create New Orders
- ☑ Order Status Management
- ☑ VAT Calculation (15%)
- ☑ Multi-currency Support

Inventory

- ☑ Product Management
- ☑ Stock Tracking
- ☑ Brand Filtering

Customers

- ☑ Customer List
- ☑ Order History
- ☑ Lifetime Value Calculation
- ☑ Invoice Generation

Employees

- ☑ Employee Management
- ☑ Department/Brand Assignment
- ☑ Target Tracking
- ☑ Performance Metrics

Analytics (Admin)

- ☑ User Performance Charts
- ☑ Revenue Analytics

Settings (Admin)

- ☑ User Management
- ☑ Create New Users
- ☑ Reset Password
- ☑ Manage Permissions
- ☑ Reset 2FA

Invoice

- ☑ Professional Invoice Generation
- ☑ QR Code for Public Verification
- ☑ Print-friendly Layout
- ☑ Public Invoice Page (/verify/:orderId)

⚠ IMPORTANT NOTES

Data Persistence

- Backend uses **IN-MEMORY storage**
- Data resets when Cloud Run container restarts
- Sample data is hardcoded in server.js
- For production: Migrate to PostgreSQL/Supabase

Brands (Pre-configured)

ID	Brand Name	Color
b1	Rihla Technologies	#3B82F6
b2	Rihla Brand Journey	#10B981
b3	Rihla Abaya	#8B5CF6
b4	Rihla Atelier	#F59E0B

📞 SUPPORT

For any issues or questions, refer to this documentation.

Last Updated: 2026-01-19